Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1 - 31. (Canceled)

32. (Currently amended) A method of immunizing a vertebrate against an H1N1 influenza virus infection, said method comprising administering parenterally to the vertebrate, prior to infection by an H1N1 influenza virus, a plurality of the same plasmid vectors comprising DNA encoding an H1N1 influenza virus antigen operatively linked to ~~DNA which is~~ a cytomegalovirus (CMV) promoter, wherein the plasmid vectors are administered with a gene gun, thereby eliciting a protective immune response comprising both a humoral and a cell-mediated immune response against the antigen, whereby the vertebrate is protected from disease caused by a subsequent infection by the H1N1 influenza virus.

33. (Currently amended) The method of Claim 32, wherein the plasmid vectors are administered to the epidermis of the vertebrate~~route of administration is chosen from the group consisting of intramuscular, intradermal and subcutaneous~~.

34 - 37. (Canceled)

38. (Previously presented) The method of Claim 32, wherein the antigen is an H1N1 influenza virus hemagglutinin.

39 - 41. (Canceled)

42. (Original) The method of Claim 32, wherein the vertebrate is a mammal.

43. (Original) The method of Claim 42, wherein the mammal is a human.

44 - 59. (Canceled)

60. (Previously presented) The method of claim 32, wherein the H1N1 influenza antigen comprises type H1 hemagglutinin, and wherein the promoter comprises a cytomegalovirus immediate early promoter.

61. (New) The method of claim 32, wherein the plasmid vectors are affixed to gold particles.

62. (New) The method of claim 32, wherein an amount equivalent to 0.04 μg to 0.4 μg of the plasmid vectors that would be administered to a mouse is administered to the vertebrate.

63. (New) The method of claim 32, wherein an amount equivalent to 0.4 μg of the plasmid vectors that would be administered to a mouse is administered to the vertebrate.